

MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE

EPA Region 5 Records Ctr.



274100

Assistance ID number: V005934-01
Site name: North Bronson Industrial Area
Activity: RI/FS
Reporting period: FY91, Q1

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:

- Received and reviewed Warzyn proposal for Phase II Work Plan.
- Sent EPA a copy of the draft Phase II Work Plan for comments.
(Note: No comments were received from EPA)
- Prepared a site prioritization form for EPA evaluation.
- Continued review (and approval) of contractor invoices.
- Site status and project reports were prepared to fulfill administrative requirements Federal Cooperative Agreement.

PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD:

CORRECTIVE MEASURES TAKEN OR PLANNED:

- Due to anticipated adverse weather conditions, it was decided to delay initiation of Phase II until spring. This was due to safety concerns and because of the significant cost differential due to cold weather.

PERCENTAGE OF ACTIVITY SCHEDULED TO BE COMPLETED: 65%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 50%

EXPLANATION OF SIGNIFICANT DIFFERENCE:

- As reported to EPA previously, there have been delays due to CLP problems which occurred in prior reporting periods.
Note: Preparation for a Phase II is now underway. Upon approval of a Phase II Work Plan new (and more precise) budgets and schedules will be available and will be forwarded to EPA. EPA will have an opportunity to participate in developing these items.

FOR CURRENT TASKS UNDERWAY OR JUST COMPLETED IN THIS REPORTING PERIOD:

PLANNED EXPENDITURES TO DATE: \$500,000

ESTIMATED ACTUAL EXPENDITURES TO DATE:

\$ 399,900	Contractual (Warzyn)
\$ 2,600	Contractual (CyanoKem)
<u>\$ 49,100</u>	State costs (Non-contractual)
\$ 451,600	TOTAL

EXPLANATION OF SIGNIFICANT DIFFERENCES: Note that expenditures are less than submitted with last report. These figures reflect more current and accurate information.

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 15 months,
\$948,000

ACTUAL TIME AND FUNDS REMAINING (USE BEST ESTIMATE ON FUNDS): 15 months,
\$948,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: N/A

Prepared by Brady W Boyer Date 2-7-91
(Project Manager)

Approved by James A. Linton Date 2-8-91
(Supervisor)

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

**Assistance ID number: V005934-01
Site name: North Bronson Industrial Area
Activity: RI/FS
Reporting period: FY91, Q2**

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:

Remedial Investigation/Feasibility Study

- DEVELOPMENT OF PHASE II PROJECT PLANS (TASK 5)
- Completed review of draft Warzyn Phase II Work Plan. Provided extensive written comments to Warzyn.
 - Held telephone conference to discuss various aspects of Phase II work.

PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD: N/A
CORRECTIVE MEASURES TAKEN OR PLANNED:

PERCENTAGE OF **ACTIVITY SCHEDULED** TO BE COMPLETED: 65%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 55%

EXPLANATION OF SIGNIFICANT DIFFERENCE:

Note: Preparation for a Phase II is underway. Upon approval of a Phase II Work Plan, new (and more precise) budgets and schedules will be available and will be forwarded to EPA.

FOR CURRENT TASKS UNDERWAY OR JUST COMPLETED IN THIS REPORTING PERIOD

PLANNED EXPENDITURES TO DATE: (TASK 5)

\$ 9,000 Contractual (Warzyn)
\$ 3,000 Non-contractual

ESTIMATED ACTUAL EXPENDITURES TO DATE: (TASK 5)

\$ 8,600 Contractual (Warzyn)
\$ 2,900 Non-contractual

EXPLANATION OF SIGNIFICANT DIFFERENCES: N/A

ESTIMATED TOTAL PROJECT EXPENDITURES: (ALL TASKS--THRU CURRENT PERIOD)

\$ 408,500 Contractual (Warzyn)
\$ 2,600 Contractual (CyanoKem)
\$ 52,000 Non-contractual
\$ 463,100 TOTAL

ESTIMATED **TIME AND FUNDS NEEDED** TO COMPLETE REQUIRED WORK: 12 months,
\$936,500

ACTUAL TIME AND FUNDS REMAINING (USE BEST ESTIMATE ON FUNDS): 12 months,
\$936,500

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: N/A

Prepared by Buddy W. Boye Date 5-13-91
(Project Manager)

Approved by James J. Winter Date 5/13/91
(Supervisor)

Valentino, M.

MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
FEDERAL LEAD SITE

Assistance ID number: V005851-01
Site name: Anderson Development Company (ADC)
Activity: PRP OVERSIGHT
Reporting period: FY91, Q2

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:

Technical Assistance:

- Coordinated State involvement in the proposal to utilize LTTA.
- Participated in a meeting (via conference call) to advise of potential areas of State concern. Involved MDNR Air Quality in the discussions.
- Reviewed the proposed schedule of events and saw no particular area of concern in regards to MDNR review times.
- Discussed with various parties the issue of disposal of the lagoon water but was advised by the management of the POTW that they were not interested in accepting this water. Will not pursue this further unless the issue resurfaces.

PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD: Delay by ADC in implementing the schedule of activities established by EPA.

CORRECTIVE MEASURES TAKEN OR PLANNED: EPA has advised ADC of their need to comply with the schedule or risk a fund response.

FOR CURRENT TASKS UNDERWAY OR JUST COMPLETED IN THIS REPORTING PERIOD:

PLANNED EXPENDITURES TO DATE: \$40,500
ESTIMATED ACTUAL EXPENDITURES TO DATE: \$41,300 (291=\$2,500)
EXPLANATION OF SIGNIFICANT DIFFERENCES: N/A

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 12 months
\$ 3,700

ACTUAL TIME AND FUNDS REMAINING (USE BEST ESTIMATE ON FUNDS): 9 months
\$ 3,700

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:

A time extension will be necessary before the end of FY '91 (Sept. 30). The need for additional funding is being evaluated and may result in a request for funding augmentation at the same time.

Prepared by Brady W. Boye Date 5-13-91
(Project Manager)

Approved by William D. Gibson Date 5-9-91
(Supervisor)

MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE

Site name: North Bronson Industrial Area
Project Budget: \$1,400,000
Project Period: 6/1/87-12/31/91
Assistance ID number: V005934-01
Activity: RI/FS
Reporting period: FY91, Q3

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:

Remedial Investigation/Feasibility Study

DEVELOPMENT OF PHASE II PROJECT PLANS (This is only task underway)
-Held detailed and substantive discussions with Warzyn regarding numerous issues relating to the Phase II RI/FS.
-Warzyn made considerable revisions to their original draft WP.
-MDNR provided written detail regarding the second draft of WP.
-Corresponding revisions to the QAPP and Health and Safety Plan are now underway by contractor.

PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD: None this period
CORRECTIVE MEASURES TAKEN OR PLANNED: N/A

PERCENTAGE OF **ACTIVITY SCHEDULED** TO BE COMPLETED: 70%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 55%

EXPLANATION OF SIGNIFICANT DIFFERENCE: Project lagged, for a number of reasons, after the completion of the first phase of investigation. This will be resolved with the initiation of the Phase II during the fourth quarter.

Note: Preparation for a Phase II is underway. Upon receipt of a final Phase II Work Plan, new budgets and schedules will be available and will be forwarded to EPA. This will occur during the next reporting period (August).

FOR CURRENT TASKS UNDERWAY OR JUST COMPLETED IN THIS REPORTING PERIOD

PLANNED EXPENDITURES THIS PERIOD
\$ 25,000 Contractual (Warzyn)
\$ 5,000 Non-contractual

ESTIMATED ACTUAL EXPENDITURES THIS PERIOD:
Task: Preparation of Phase II Project Plans
\$ 24,800 Contractual (Warzyn)
\$ 4,400 Non-contractual

EXPLANATION OF SIGNIFICANT DIFFERENCES: N/A

ESTIMATED TOTAL PROJECT EXPENDITURES: (THRU CURRENT PERIOD)

\$ 413,300	Contractual (Warzyn)
\$ 2,600	Contractual (CyanoKem)
<u>\$ 56,400</u>	Non-contractual
\$ 472,300	TOTAL

ESTIMATED **TIME AND FUNDS NEEDED** TO COMPLETE REQUIRED WORK: 18 months,
\$925,000

ACTUAL TIME AND FUNDS REMAINING (USE BEST ESTIMATE ON FUNDS): 18 months,
\$927,700

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: N/A

Prepared by Brady W Boyce Date 8/13/91
(Project Manager)

Approved by Scott Linn Date 8/14/91
(Supervisor)

MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE

Site name: North Bronson Industrial Area
Project Budget: \$1,400,000
Project Period: 6/1/87-12/31/91
Assistance ID number: V005934-01
Activity: RI/FS
Reporting period: FY91, Q4

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:

Remedial Investigation/Feasibility Study

DEVELOPMENT OF PHASE II PROJECT PLANS (This was only task underway)
-Held detailed and substantive discussions with Warzyn to resolve issues relating to the Phase II RI/FS.
-Warzyn revised original draft WP and submitted a second draft.
-MDNR provided written detail regarding the second draft of WP.
-Corresponding revisions to the QAPP and Health and Safety Plan were prepared by Warzyn.

PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD: None this period
CORRECTIVE MEASURES TAKEN OR PLANNED: N/A

PERCENTAGE OF **ACTIVITY SCHEDULED** TO BE COMPLETED: 70%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 55%

EXPLANATION OF SIGNIFICANT DIFFERENCE: Project has lagged, for a number of reasons, after the completion of the first phase of investigation. This will be resolved with the initiation of the Phase II during the fourth quarter.

Note: Preparation for a Phase II is underway. Revised budgets and schedules are now available and have been forwarded to EPA.

FOR **CURRENT TASKS UNDERWAY** OR JUST COMPLETED IN THIS REPORTING PERIOD

PLANNED **EXPENDITURES** THIS PERIOD:

\$ 25,000 Contractual (Warzyn)
\$ 5,000 Non-contractual

ESTIMATED ACTUAL EXPENDITURES THIS PERIOD:

Task: Preparation of Phase II Project Plans
\$ 18,9700 Contractual (Warzyn)
\$ 2,470 Non-contractual

EXPLANATION OF SIGNIFICANT DIFFERENCES: See previous explanation

ESTIMATED TOTAL PROJECT EXPENDITURES: (THRU CURRENT PERIOD)

\$ 432,270 Contractual (Warzyn)

\$ 2,600	Contractual (CyanoKem)
<u>\$ 58,870</u>	Non-contractual
\$ 493,740	TOTAL

ESTIMATED **TIME AND FUNDS NEEDED** TO COMPLETE REQUIRED WORK: 15 months,
\$903,560

ACTUAL TIME AND FUNDS REMAINING (USE BEST ESTIMATE ON FUNDS): 15 months,
\$906,260

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: N/A

Prepared by B W Boye Date 11/14/91
(Project Manager)

Approved by [Signature] Date 11-12-91
(Supervisor)